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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No .....6,713,346 B2  
Patent Issue Date ..... March 30, 2004  
Application Serial No. ....09/768,878  
Filing Date ..... January 23, 2001  
Assignee ..... Micron Technology, Inc.  
Inventorship ..... Graham Wolstenholme  
Attorney's Docket No. ....MI55-003  
Title: Methods of Forming a Line of FLASH Memory Cells

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR  
APPLICANT MISTAKE and PTO MISTAKES (37 C.F.R. §§ 1.322(a) and 1.323)**

To:	Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	<b>Certificate</b> AUG 18 2004
ATTN:	Decision and Certificate of Correction Branch of the Patent Issue Division	<b>of Correction</b>
From:	Mark S. Matkin (Tel. 509-624-4276; Fax 509-838-3424) Wells St. John P.S. 601 W. First Avenue, Suite 1300 Spokane, WA 99201-3828	

Sir:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 6,713,346 B2, granted March 30, 2004, in accordance with the Certificate of Correction form attached hereto in duplicate.

It is noted that an error appears in this patent of a typographical nature of character, as more fully described below. The error occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination.

08/17/2004 SHASSEN2 00000090 6713346

01 FC:1811

100.00 0P

AUG 19 2004

The exact page and line number where the error occurs in the application file is:

**Page 6, line 18 in the specification; Col. 3, line 31 in the issued patent;**

**Page 33, line 3 in the specification; Abstract, line 2 in the issued patent.**


Other errors listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files in the Office.

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

Enclosed is a check in the amount of \$100.00, as required by 37 CFR 1.20(a).

Respectfully submitted,

Dated: 8-12-04

By:   
Mark S. Matkin  
Reg. No. 32,268



## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	9	Application Number	09/768,878
		Filing Date	January 23, 2001
		First Named Inventor	Graham Wolstenholme
		Art Unit	2812
		Examiner Name	Richard A. Booth
		Attorney Docket Number	MI55-003

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached Chk No. 143724 <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): PTO Return Receipt Postcard Req for Cert of Correction Cert of Correction in duplicate
<b>Remarks</b> Customer No. 021567  U.S. Patent No. 6,713,346 B2 Issued March 30, 2004		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

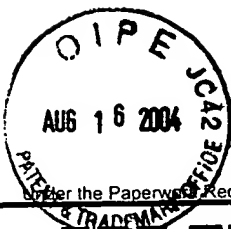
Firm or Individual name	Mark S. Matkin, Reg. No. 32,268 Wells St. John P.S.		
Signature			
Date	8/12/04		

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Muriel G. Dunnigan		
Signature		Date	August 12, 20024

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**100.00**

## Complete if Known

Application Number	09/768,878
Filing Date	January 23, 2001
First Named Inventor	Graham Wolstenholme
Examiner Name	Richard A. Booth
Art Unit	2812
Attorney Docket No.	MI55-003

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number  
Deposit Account Name

23-0925

Wells St. John P.S.

The Director is authorized to: (check all that apply)

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☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)**- 0 -**

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	
			-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**- 0 -**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) **Req for Cert of Correction**

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**100.00**

## SUBMITTED BY

Name (Print/Type)

Mark S. Matkin

Registration No.  
(Attorney/Agent)

32,268

Telephone (509) 624-4276

Signature

Date

8/12/04

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AUG 19 2004

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AUG 16 2004  
PATENT & TRADEMARK OFFICE

PTO/SB/17 (10-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**100.00**

## Complete if Known

Application Number **09/768,878**  
Filing Date **January 23, 2001**  
First Named Inventor **Graham Wolstenholme**  
Examiner Name **Richard A. Booth**  
Art Unit **2812**  
Attorney Docket No. **MI55-003**

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Deposit Account Name **Wells St. John P.S.**

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☒ Charge any additional fee(s) or any underpayment of fee(s)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) <b>- 0 -</b>

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  -20\*\* =  X  =   
Independent Claims  -3\*\* =  X  =   
Multiple Dependent  =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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1201	86	2201	43	Independent claims in excess of 3	
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1204	86	2204	43	** Reissue independent claims over original patent	
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SUBTOTAL (2)					(\$) <b>- 0 -</b>

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

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1252	420	2252	210	Extension for reply within second month	
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1451	1,510	1451	1,510	Petition to institute a public use proceeding	
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1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
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1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) <b>Req for Cert of Correction</b>					<b>100.00</b>
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$) <b>100.00</b>

## SUBMITTED BY

Name (Print/Type) **Mark S. Matkin** **32,268** Telephone **(509) 624-4276**  
Signature *[Signature]* Date **8/12/04**

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,713,346 B2  
DATED : March 30, 2004  
INVENTOR(S) : Graham Wolstenholme

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Face Page, (57) Abstract, line 2 –

Replace “forming flash memory. In one implementation, a line of”  
With --forming FLASH memory. In one implementation, a line of--

Col. 3, line 31 –

Replace “FIG. 1 is a diagrammatic top plan of a semiconductor”  
With -- FIG. 1 is a diagrammatic top plan view of a semiconductor--

Col. 6, line 10 –

Replace “having portions thereof angled at least 150 from a direction”  
With -- having portions thereof angled at least 15° from a direction--

Col. 8, line 15 –

Replace “spacer is formed on one of the=source side or the drain side”  
With -- spacer is formed on one of the source side or the drain side--

Col. 8, line 57, claim 1 –

Replace “A method at forming a line of FLASH memory cells”  
With -- A method of forming a line of FLASH memory cells—

Col. 10, line 31, claim 10 –

Replace “insulative sidewall spacer having en innermost surface”  
With -- insulative sidewall spacer having an innermost surface--

Page  
1 of 1

**Mailing Address of Sender:**  
Wells St. John P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

Patent No. 6,713,346 B2

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,713,346 B2  
DATED : March 30, 2004  
INVENTOR(S) : Graham Wolstenholme

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Col. 10, line 31, claim 10 –

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Page  
1 of 1

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601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

Patent No. 6,713,346 B2